



## **PATENT**

I-2-0091.10US

February 9, 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Our File:

Date:

In the **PATENT APPLICATION** of:

Ozluturk et al.

**Application No.:** 09/742,579

Confirmation No.: 8594

Filed:

December 21, 2000

For: APPARATUS FOR INITIAL POWER CONTROL FOR SPREAD-SPECTRUM

COMMUNICATIONS

Group:

2637

Examiner:

Jacob M. Meek

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the newly cited material on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (\*).

Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included.

Each newly cited item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, copy enclosed.

**Applicant:** Ozluturk et al. **Application No.:** 09/742,579

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Ozluturk et al.

Scott Wolinsky

Registration No. 46,413

(215) 568-6400

Volpe and Koenig, P.C. United Plaza, Suite 1600 30 South 17th Street Philadelphia, PA 19103

SW/ks Enclosures (2)

Ander the Paperwork Reduction Act of 1995, no person	U.S. Pater	PTO/SB/21 (04-04) Approved for use through 07/31/206. OMB 0651-0031 nt and Trademark Office; U.S. DEPARTMENT OF COMMERCE on of information unless it displays a valid OMB control number.
PARTY INC. INC. INC. INC. INC. INC. INC. INC.	Application Number	09/742,579
TRANSMITTAL	Filing Date	December 21, 2000
FORM	First Named Inventor	Ozluturk et al.
(to be used for all correspondence after initial filing)	Art Unit	2637
	Examiner Name	Jacob M. Meek
Total Number of Pages in This Submission	Attorney Docket Number	I-2-0091.10US
ENC	CLOSURES (Check all tha	t apply)
Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Supplemental Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53		Other Enclosure(s) (please Identify below):  Form PTO-1449 w/ a copy of the European Search Report
<u> </u>	OF APPLICANT, ATTORN	·
Firm or Scott Wolinsky Individual name Volpe and Koenig, P.C.	D-	eg. No. 46,413
Date February 9, 2005	<del> </del>	
CERTIFI	CATE OF TRANSMISSION	N/MAILING
		deposited with the United States Postal Service with t, Commissioner for Patents, P.O. Box 1450, Alexandria,
Typed or printed name Scott Wolinsky		
Signature Sett 2/0	history	Date February 9, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

		FEB 1 1, LUC	OH-		S	heet 1 of 11
	FORM PTO-1449	\	ATTY. DOCKET NO. I-2-0091.10US		SERIAL N 09/742,5	
·	U.S. DEPARTMENT OF COMMI			LONE	03/142,3	7.5
	PATENT AND TRADEMARK OF	FICE	APPLICANT Ozluturk et al.			
	INFORMATION DISCLOSUF		FILING DATE		GROUI	<del></del>
	STATEMENT BY APPLICAN	11	December 21, 2000		2637	
	(Use several sheets if necessary			<u> </u>	<del> </del>	
 		U.S. PATENT	DOCUMENTS	<u> </u>		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,700,820	10/1972	Blasbalg et al.	<u>.</u>		
	3,761,610	09/1973	Krallinger et al.			
	4,069,392	01/1978	Goldenberg et al.			
	4,156,277	05/1979	Seitz et al.			
	4,292,623	09/1981	Eswaran et al.			
	4,320,513	03/1992	Lampert			
	4,384,307	05/1983	Kuzmik et al.			
	4,385,206	05/1983	Bradshaw et al.			
	4,403,322	09/1983	Kato et al.			
	4,425,665	01/1984	Stauffer			
	4,458,314	07/1984	Grimes			
	4,480,307	10/1984	Budde et al.			
	4,570,220	02/1986	Tetrick et al.			
	4,583,124	04/1986	Tsuji et al.			
	4,608,700	08/1986	Kirtley, Jr. et al.			
	4,630,126	12/1986	Kaku et al.			
	4,646,232	02/1987	Chang et al.			
	4,667,192	05/1987	Schmid et al.			
	4,675,865	06/1987	DeVries et al.			
	4,709,343	11/1987	Van Chang			
	4,744,079	05/1988	Csapo et al.			!
	4,768,145	08/1988	Wheelwright et al.			
	* 4,802,189	01/1989	Wedler	1		
	4,811,262	03/1989	White	†		
	4,811,421	03/1989	Havel et al.	†		
	4,862,402	08/1989	Shah et al.	1		
	4,901,307	02/1990	Gilhousen et al.			
	EXAMINER	<u> </u>	DATE C	ONSIDER	D	
L		**************************************				

	FORM PTO-1449		ATTY. DOCKET NO.	<u> </u>	SERIAL I	
U.S. DEPARTMENT OF COMMERCE			I-2-0091.10US 09/742,579			79
PATENT AND TRADEMARK OFFICE		APPLICANT Ozluturk et al.				
	FORMATION DISCLOSURE TATEMENT BY APPLICANT		FILING DATE December 21, 2000		GROU 2637	P
(Us	e several sheets if necessary		·			
	<del>r</del>	U.S. PATENT	DOCUMENTS		Ψ	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATÉ IF APPROPRIATE
	4,914,574	04/1990	Terada et al.			
	5,022,049	06/1991	Abrahamson et al.			
	5,050,004	09/1991	Morton, Jr.			
	5,056,109	10/1991	Gilhousen et al.			
	5,084,900	01/1992	Taylor			
	5,093,840	03/1992	Schilling			
	5,103,459	04/1992	Gilhousen et al.			
	5,105,423	04/1992	Tanaka et al.			
	5,109,390	04/1992	Gilhousen et al.			
	5,107,225	04/1992	Wheatley et al.			
	5,113,525	05/1992	Andoh			
	5,115,429	05/1992	Huckyj et al.			
	5,117,385	05/1992	Gee		1 -	
	5,140,613	08/1992	Birgenheier et al.			
	5,159,283	10/1992	Jensen			
	5,159,551	10/1992	Brunnett et al.			
	5,166,951	11/1992	Schilling			
	5,166,952	11/1992	Omurg et al.			
	5,193,094	03/1993	Viterbi			
	5,199,061	03/1993	Kim			<u> </u>
	5,204,876	04/1993	Bruckert et al.			
	5,216,692	06/1993	Ling			
	5,224,120	06/1993	Schilling	<b></b>	<u> </u>	
	5,228,054	07/1993	Rueth et al.			
	5,228,056	07/1993	Schilling			
	5,235,614	08/1993	Bruckert et al.			
	EXAMINER		DATE C	ONSIDERE	D	

	FORM PTO-1449		ATTY. DOCKET NO.		SERIAL N	1O.
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		I-2-0091.10US		09/742,5		
		APPLICANT Ozluturk et al.				
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE December 21, 2000		GROUI 2637	P .
	(Use several sheets if necessary)					
	1	U.S. PATENT	DOCUMENTS		Γ	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,237,586	08/1993	Bottomley			:
	5,241,690	08/1993	Larsson et al.			
	5,245,629	09/1993	Hall			
	5,253,268	10/1993	Omura et al.			
	5,253,347	10/1993	Bagnoli et al.			
	5,257,283	10/1993	Gilhousen et al.			
	5,258,940	11/1993	Coker et al.			
	5,260,967	11/1993	Schilling			
	5,262,974	11/1993	Hausman et al.			
	5,265,119	11/1993	Gilhousen et al.			
	5,267,262	11/1993	Wheatley, III			
	5,274,474	12/1993	Medina			
	5,276,684	01/1994	Pearson			
	5,276,907	04/1994	Meidan			
	5,283,536	02/1994	Wheatley, III			
	5,287,299	02/1994	Lin	†		
	5,287,463	02/1994	Frame et al.			
	5,295,152	03/1994	Gudmundson et al.			
	5,297,162	03/1994	Lee et al.	1		
	5,299,226	03/1994	Schilling			
	5,299,228	03/1994	Hall			
	5,305,349	04/1994	Dent			
	5,309,474	05/1994	Gilhousen et al.			
	5,311,459	05/1994	D'Luna et al.		<u> </u>	
	5,321,721	06/1994	Yamaura et al.			
	5,327,455	07/1994	DeGaudenzi et al.			

EX	AMINER	DATE CO	DNSIDERED	
EVALUED 1 20 12 22		 		 

DATE CONSIDERED

<del> </del>	FORM PTO-1449		ATTY. DOCKET NO.		SERIAL N		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		I-2-0091.10US		09/742,5			
		APPLICANT Ozluturk et al.					
	NFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE December 21, 2000		GROUI 2637	GROUP	
(U	se several sheets if necessary				2007		
		U.S. PATENT	DOCUMENTS	<u> </u>	<del>,                                    </del>		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,327,467	07/1994	DeGaudenzi et al.				
	5,329,547	07/1994	Ling et al.				
	5,339,174	08/1994	Harris			-	
	5,341,396	08/1994	Higgins et al				
	5,341,397	08/1994	Gudmundson				
	5,343,335	08/1994	Hara				
	5,345,598	09/1994	Dent				
	5,347,536	09/1994	Meehan				
	5,349,606	09/1994	Lovell et al.				
· <del></del> · · ·	5,351,134	09/1994	Yaguchi et al.	-			
	5,353,302	10/1994	Bi				
	5,353,352	10/1994	Dent et al.				
	5,355,453	10/1994	Row et al.				
	5,361,276	11/19994	Subrmanian			_	
	5,363,377	11/1994	Sharpe				
	5,365,544	11/1994	Schilling				
	5,365,585	11/1994	Puhl et al.				
	5,367,533	11/1994	Schilling	<del></del>			
	5,373,502	12/1994	Turban				
	5,377,183	12/1994	Dent				
	5,379,242	01/1995	Rose et al.				
	5,392,287	02/1995	Tiedemann, Jr. et al.	1			
	5,396,516	03/1995	Padovani et al.				
	5,396,539	03/1995	Sleyks et al.				
	5,398,243	03/1995	Aguilhon et al.				
	5,404,376	04/1995	Dent				
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EXAMINER		DATE C	ONSIDERE	ED .		

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE		ATTY. DOCKET NO. SERIAL NO. 1-2-0091.10US 09/742,579				
PATENT	AND TRADEMARK OFFICE		APPLICANT Ozluturk et al.			
•	RMATION DISCLOSURE EMENT BY APPLICANT		FILING DATE December 21, 2000	:	GROUI 2637	<b>D</b>
(Use se	everal sheets if necessary)					
 		U.S. PATENT	DOCUMENTS	т —	1	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,406,559	04/1995	Edem et al.			
	5,410,568	04/1995	Schilling			
	5,414,728	05/1995	Zehavi			
	5,414,729	05/1995	Fenton			
	5,414,732	05/1995	Kauffman			
	5,416,797	05/1995	Gilhousen et al.			
	5,418,624	05/1995	Ahmed			
	5,420,850	05/1995	Umeda et al.	1		
	5,420,864	05/1995	Dahlin et al.			
	5,420,896	06/1995	Schilling			
	5,430,724	07/1995	Fall et al.			
	5,430,760	07/1995	Dent			
	5,440,597	08/1995	Chung et al.			
	5,442,662	08/1995	Fukasawa et al.			
· ·	5,442,625	08/1995	Gitlin et al.	<u> </u>	<u> </u>	
	5,446,683	08/1995	Mullen et al.			
	5,446,756	08/1995	Mallinckrodt			
	5,448,600	09/1995	Lucas			
	5,459,759	10/1995	Schilling			<del>.</del> ,
	5,483,549	01/1996	Weinberg et al.			
	5,485,486	01/1996	Gilhousen et al.			
	5,487,089	01/1996	Misaizu et al.		<del>                                     </del>	
	5,488,629	01/1996	Takahashi et al.	1	<u> </u>	
	5,506,864	04/1996	Schilling			
	5,509,126	04/1996	Oprescu et al.	<b> </b>		
	5,519,736	05/1996	Ishida			
	EXAMINER		DATE C	ONSIDERE	D	

		FORM PTO-1449		ATTY. DOCKET NO.		SERIAL	 NO.
PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  U.S. PATENT DOCUMENTS  U.S.	U.S. DEPARTMENT OF COMMERCE						
STATEMENT BY APPLICANT. (Use several sheets if necessary)			_				
December 21, 2000   2637   2				UZII	T		<del></del>
U.S. PATENT DOCUMENTS   DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   FILLINGO							P
DATE   NAME   CLASS   SUBCLASS   FENDEN	(0:	se several sneets it necessary	•	DOCUMENTS			
	EXAMINER	T	1		<del></del>	1	FILING DATE IF
5,528,624 06/1996 Kaku et al. 5,544,156 08/1996 Teder et al. 5,548,613 08/1996 Kaku et al. 5,548,613 08/1996 Kaku et al. 5,550,811 08/1996 Kaku et al. 5,550,811 08/1996 Yano et al. 5,559,790 09/1996 Yano et al. 5,561,669 10/1996 Yasunga 5,563,912 10/1996 Yasunga 5,568,483 10/1996 Padovani et al. 5,574,754 11/1996 Kurihara et al. 5,574,754 11/1996 Duozono et al. 5,574,983 11/1996 Duozono et al. 5,594,718 01/1997 Weaver, Jr. et al. 5,596,570 01/1997 Soliman 5,604,730 02/1997 Tiedemann, Jr. 5,619,524 04/1997 Ling et al. 5,619,526 04/1997 Kirn et al. 5,627,835 05/1997 Writter 5,627,835 05/1997 Davidovici 5,638,362 06/1997 Latva-aho et al. 5,657,343 08/1997 Schilling 5,657,343 08/1997 Schilling 5,673,286 09/1997 Lomp 5,673,286 09/1997 Lomp 5,675,581 10/1997 Soliman 5,691,974 11/1997 Zehavi et al.	INITIAL	<del>                                     </del>			CLASS	SUBCLASS	APPROPRIATE
5,544,156         08/1996         Teder et al.           5,548,613         08/1996         Kaku et al.           5,550,811         08/1996         Kaku et al.           5,559,790         09/1996         Yano et al.           5,551,669         10/1996         Lenny et al.           5,563,912         10/1996         Yasunga           5,568,483         10/1996         Padovani et al.           5,574,754         11/1996         Kurihara et al.           5,574,983         11/1996         Duozono et al.           5,594,718         01/1997         Weaver, Jr. et al.           5,596,570         01/1997         Soliman           5,604,730         02/1997         Tiedemann, Jr.           5,619,524         04/1997         Kim et al.           5,627,835         05/1997         Writter           5,627,835         05/1997         Davidovici           5,638,362         06/1997         Dohi et al.           5,644,590         07/1997         Adachi et al.           5,652,765         07/1997         Adachi et al.           5,657,343         08/1997         Latva-aho et al.           5,657,581         10/1997         Soliman           5,691,974						ļ <u></u>	
5,548,613       08/1996       Kaku et al.         5,550,811       08/1996       Kaku et al.         5,559,790       09/1996       Yano et al.         5,551,669       10/1996       Lenny et al.         5,563,912       10/1996       Yasunga         5,568,483       10/1996       Padovani et al.         5,574,754       11/1996       Kurihara et al.         5,574,983       11/1996       Duozono et al.         5,594,718       01/1997       Weaver, Jr. et al.         5,596,570       01/1997       Soliman         5,504,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Kim et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Witter         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,654,590       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,691,974       11/1997       Van Nee			4			ļ	
5,550,811       08/1996       Kaku et al.         5,559,790       09/1996       Yano et al.         5,561,669       10/1996       Lenny et al.         5,563,912       10/1996       Yasunga         5,568,483       10/1996       Padovani et al.         5,574,754       11/1996       Kurihara et al.         5,574,983       11/1996       Duozono et al.         5,594,718       01/1997       Weaver, Jr. et al.         5,596,570       01/1997       Soliman         5,604,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Kim et al.         5,619,526       04/1997       Witter         5,627,835       05/1997       Davidovici         5,627,855       05/1997       Dohi et al.         5,638,362       06/1997       Dohi et al.         5,654,590       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,691,974       11/1997       Van Nee		5,544,156	08/1996			<u> </u>	
5,559,790       09/1996       Yano et al.         5,561,669       10/1996       Lenny et al.         5,563,912       10/1996       Yasunga         5,568,483       10/1996       Padovani et al.         5,574,754       11/1996       Kurihara et al.         5,574,983       11/1996       Duozono et al.         5,594,718       01/1997       Weaver, Jr. et al.         5,596,570       01/1997       Soliman         5,604,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Ling et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Davidovici         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Adachi et al.         5,652,765       07/1997       Adachi et al.         5,657,343       08/1997       Latva-aho et al.         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,692,008       11/1997       Van Nee		5,548,613	08/1996	Kaku et al.			
5,561,669       10/1996       Lenny et al.         5,563,912       10/1996       Yasunga         5,568,483       10/1996       Padovani et al.         5,574,754       11/1996       Kurihara et al.         5,574,983       11/1997       Duozono et al.         5,594,718       01/1997       Weaver, Jr. et al.         5,596,570       01/1997       Soliman         5,604,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Ling et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Davidovici         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Adachi et al.         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Van Nee		5,550,811	08/1996	Kaku et al.			
5,563,912       10/1996       Yasunga         5,568,483       10/1996       Padovani et al.         5,574,754       11/1996       Kurihara et al.         5,574,983       11/1996       Duozono et al.         5,594,718       01/1997       Weaver, Jr. et al.         5,596,570       01/1997       Soliman         5,604,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Kim et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Witter         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,652,765       07/1997       Adachi et al.         5,652,765       07/1997       Adachi et al.         5,657,343       08/1997       Latva-aho et al.         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,559,790	09/1996	Yano et al.			
5,568,483 10/1996 Padovani et al.  5,574,754 11/1996 Kurihara et al.  5,574,983 11/1996 Duozono et al.  5,594,718 01/1997 Weaver, Jr. et al.  5,596,570 01/1997 Soliman  5,604,730 02/1997 Tiedemann, Jr.  5,619,524 04/1997 Ling et al.  5,627,835 05/1997 Witter  5,627,835 05/1997 Davidovici  5,638,362 06/1997 Dohi et al.  5,644,590 07/1997 Sugita  5,652,765 07/1997 Adachi et al.  5,657,343 08/1997 Schilling  5,673,286 09/1997 Lomp  5,673,286 09/1997 Soliman  5,691,974 11/1997 Selavi et al.		5,561,669	10/1996	Lenny et al.			
5,574,754       11/1996       Kurihara et al.         5,574,983       11/1996       Duozono et al.         5,594,718       01/1997       Weaver, Jr. et al.         5,596,570       01/1997       Soliman         5,604,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Ling et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Witter         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Lomp         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,563,912	10/1996	Yasunga			
5,574,983       11/1996       Duozono et al.         5,594,718       01/1997       Weaver, Jr. et al.         5,596,570       01/1997       Soliman         5,604,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Ling et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Davidovici         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,568,483	10/1996	Padovani et al.			
5,594,718       01/1997       Weaver, Jr. et al.         5,596,570       01/1997       Soliman         5,604,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Ling et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Witter         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,574,754	11/1996	Kurihara et al.			
5,596,570       01/1997       Soliman         5,604,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Ling et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Witter         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,574,983	11/1996	Duozono et al.			
5,604,730       02/1997       Tiedemann, Jr.         5,619,524       04/1997       Ling et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Witter         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,594,718	01/1997	Weaver, Jr. et al.			
5,619,524       04/1997       Ling et al.         5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Witter         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,596,570	01/1997	Soliman	<del>-  </del>		-
5,619,526       04/1997       Kim et al.         5,627,835       05/1997       Witter         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,604,730	02/1997	Tiedemann, Jr.			
5,627,835       05/1997       Witter         5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee	A.D	5,619,524	04/1997	Ling et al.			
5,627,855       05/1997       Davidovici         5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,619,526	04/1997	Kim et al.			
5,638,362       06/1997       Dohi et al.         5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,627,835	05/1997	Witter			
5,644,590       07/1997       Sugita         5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,627,855	05/1997	Davidovici			
5,652,765       07/1997       Adachi et al.         5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,638,362	06/1997	Dohi et al.			
5,654,980       08/1997       Latva-aho et al.         5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,644,590	07/1997	Sugita			
5,657,343       08/1997       Schilling         5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee		5,652,765	07/1997	Adachi et al.			
5,673,286       09/1997       Lomp         5,675,581       10/1997       Soliman         5,691,974       11/1997       Zehavi et al.         5,692,008       11/1997       Van Nee	:	5,654,980	08/1997	Latva-aho et al.			
5,675,581     10/1997     Soliman       5,691,974     11/1997     Zehavi et al.       5,692,008     11/1997     Van Nee		5,657,343	08/1997	Schilling			
5,691,974 11/1997 Zehavi et al. 5,692,008 11/1997 Van Nee		5,673,286	09/1997	Lomp	1		
5,692,008 11/1997 Van Nee		5,675,581	10/1997	Soliman	1		
		5,691,974	11/1997	Zehavi et al.	1		
		5,692,008	11/1997	Van Nee			
EXAMINER DATE CONSIDERED		EXAMINER		DATE C	ONSIDERE	D	

	FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE		ATTY. DOCKET NO. I-2-0091.10US		SERIAL N 09/742,5	
PATENT AND TRADEMARK OFFICE		APPLICANT Ozluturk et al.				
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	:	FILING DATE December 21, 2000		GROUI 2637	0
	(Use several sheets if necessary)					
		U.S. PATENT	DOCUMENTS		1	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE II APPROPRIATI
	5,710,768	03/1999	Ziv et al.			
	5,712,869	01/1998	Lee et al.			
	5,722,051	02/1998	Agrawal et al.			
	5,745,484	04/1998	Scott			
	5,748,687	05/1998	Ozluturk			
	5,771,451	06/1998	Takai et al.			
	5,781,584	07/1998	Zhou et al.			-
	5,790,591	09/1998	Gold et al.			
	5,796,776	08/1998	Lomp et al.			
	5,812,593	09/1998	Kaku			
	5,828,662	10/1998	Jalali et al.			
	5,841,768	11/1998	Ozluturk et al.			
	5,870,378	02/1999	Huang et al.			
	5,872,810	02/1999	Phillips et al.			
	5,875,400	02/1999	Madhavapeddy et al.			
	5,878,329	03/1999	Mallinckrodt			
	5,878,350	03/1999	Nakamura et al.			
	5,881,056	03/1999	Huang et al.	<u> </u>		
	5,881,368	03/1999	Grob et al.	<u> </u>		
	5,884,187	03/1999	Ziv et al.			
	5,884,196	03/1999	Lekven et al.			
	5,898,665	04/1999	Sawahashi et al.			
	5,940,382	08/1999	Haim			
	5,953,346	09/1999	Luddy			
	5,966,403	10/1999	Pon			
	5,991,332	11/1999	Lomp et al.			
	6,018,528	01/2000	Gitlin et al.			
	EXAMINER	•	DATE C	ONSIDERE	D	

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. I-2-0091.10US		SERIAL N 09/742,5	
			APPLICANT Ozluturk et al.			
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		FILING DATE December 21, 2000		GROUI 2637	<b>D</b>
		U.S. PATENT	DOCUMENTS	<del></del>		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
INTOAL	6,072,787	06/2000	Hamalainen et al.	ULASS	30002703	AFFIORRIATE
	6,088,335	07/2000	I et al.			
	6,049,535	04/2000	Ozluturk et al.			
	6,104,748	08/2000	Kaku		<u> </u>	
	6,122,292	09/2000	Watanabe et al.			
	6,141,374	10/2000	Burns			
	6,212,174	04/2001	Lomp et al.			
	6,229,843	05/2001	Lomp et al.			
	6,272,168	08/2001	Lomp et al.			
	6,292,519	09/2001	Popovic			
	6,381,264	04/2002	Lomp et al.			
	6,434,124	08/2002	Rege			
	6,463,295	10/2002	Yun			
	6,519,461	02/2003	Andersson et al.			
	6,549,565	04/2003	Buehrer et al.			
	6,587,447	07/2003	Wang et al.			
	6,654,613	11/2003	Maeng et al.			
	6,708,041	03/2004	Butovitsch et al.			
	6,721,301	04/2004	Ozluturk et al.			
	6,760,321	07/2004	Shamsunder			
	6,763,244	07/2004	Chen et al.			
	6,778,551	08/2004	Magnus et al.			
	2003/0193914	10/2003	Lomp et al.			

EXAMINER	DATE CONSIDERED

## FORM PTO-1449 ATTY. DOCKET NO. SERIAL NO. I-2-0091.10US 09/742,579 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE **APPLICANT** Ozluturk et al. INFORMATION DISCLOSURE STATEMENT BY APPLICANT **GROUP** FILING DATE December 21, 2000 2637 (Use several sheets if necessary) FOREIGN PATENT DOCUMENTS TRANSLATION DATE COUNTRY CLASS SUBCLASS DOCUMENT NUMBER EP 01/1981 0022170 0372350 06/1990 ΕP ΕP 0462572 12/1991 0464839 01/1992 EP 0476215 03/1992 EΡ 0505341 09/1992 ΕP 0525860 EP 02/1993 ΕP 0526106 02/1993 ΕP 0565507 10/1993 EΡ 0631397 12/1994 0637179 02/1995 EP ΕP 0654913 05/1995 ΕP 0656716 06/1995 ΕP 0668662 08/1995 ΕP 0744876 11/1996 3743731 07/1989 DE DE 3743732 07/1989 2280575 GB 02/1995 2301746 12/1996 GB JP 62256516 11/1987 JP S63198423 08/1998 JP 02256331 10/1990 JP H2287874 11/1990 H4222111 JP 08/1992 JΡ H4287593 10/1992

EXAMINER	DATE CONSIDERED

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		ATTY. DOCKET NO. SERIAL NO. 1-2-0091.10US 09/742,579						
		APPLICANT Ozluturk et al.						
		FILING DATE December 21, 2000	GROUP 2637					
F(	FOREIGN PATENT DOCUMENTS							
					TRANSLATION			
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
H5144128	06/1993	JP						
H583381	04/1993	JP						
H66374	01/1994	JP						
H6104694	04/1994	JP						
H758665	03/1995	JP						
H7273600	10/1995	JP						
H6104829	01/1996	JP		_				
9013942	1990	WO						
9200639	01/1992	wo						
9221196	11/1992	WO						
9307702	04/1993	wo						
9314588	07/1993	WO						
9428640	12/1994	WO						
9503652	02/1995	WO						
9507578	03/1995	WO						
9512257	05/1995	WO						
9702665	01/1997	wo						
9707600	02/1997	wo						
OTHER DOCUMENTS	(Including Au	uthor, Title, Date, Pertinent Pag	es, Etc.)	<b></b>				
Patent Abstracts of Japan, v		03 (E-1019), January 7, 1991 & ber 17, 1990, see abstract.	JP 02 256	6331 A (Sh	arp Co	orp.),		
		y in Cellular Land-Mobile Comr rtation Information Service, (197			d Spec	trum		

EXAMINER	DATE CONSIDERED		

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO. I-2-0091.10US	SERIAL NO. 09/742,579					
PATENT AND TRADEMARK OFFICE	APPLICANT Ozluturk et al.						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE December 21, 2000	GROUP 2637					
(Use several sheets if necessary)	December 21, 2000	2001					
OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent Pages	s, Etc.)					
Hossein Al Avi, "Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio System," UMI Disseratation Information Services, (1984), 124 pgs.							
Hagmanns et al., "Code Division Multiple Access (CDMA)," 8273 ANT Nachrichtentechnische Berichte (1993) August, No. 10, Backnang, DE, pgs. 64-71.							
"CDMA and ATM-zwei Technologies, ein Zeil," 2323 Telcom Report (Siemens) 18 (1995) Maerz/April, No. 2, Munchen, DE pgs. 60-63.							
Liu et al., "SIR-Based Call Admission Co Areas in Communications, US IEEE	Liu et al., "SIR-Based Call Admission Control for DS-CDMA Cellular Systems, IEEE Journal on Selected Areas in Communications, US IEEE Inc, New York, vol. 12, no. 14, May 1, 1994, pgs. 638-644.						
	Pahlavan et al., "Performance of Adaptive Matched Filter Receivers Over Facing Multipath Channels," IEEE, vol. 38, no. 12, pgs. 2106-2113, December 1990.						
Giannetti et al., "Design of an All-Digital Receiver for Narrowhead Continuous-Phase Asynchronous CDMA Systems," IEEE, vol. 3, May 1993, pgs. 468-472.							
Braun et al., "An All-Digital Receiver for Satellite Audio Broadcasting Signals Using Trellis Coded Quasi- Orthogonal Code-Division Multiplexing," AEI, vol. 4, no. 1, 1993, pgs. 23-32.							
Rick et al., "Noncoherent Parallel Acquisition in CDMA Spread Spectrum Systems," IEEE, Paragraph 1, May 1994.							
Bernasoni, "Receiver Architectures for the Down-Link in a DS-CDMA Mobile System," IEEE, September 1994, pgs. 51-55.							
		-					

	DATE CONCIDEDED
I EXAMINER I	DATE CONSIDERED